

IN THE CLAIMS

1 - 11. (Canceled)

12. (Previously Presented) A water treatment device comprising:

at least two discharge lamps for photo-chemically treating water;

a first electrical circuit disposed in the immediate vicinity of the discharge lamps and electrically connected to the discharge lamps, wherein the first electrical circuit is configured to control a warm up phase of the discharge lamps; and

a second electrical circuit disposed remotely from the discharge lamps and electrically connected to the first electrical circuit, wherein the second electrical circuit is configured to control an operational phase of the discharge lamps.

13. (Previously Presented) The water treatment device of claim 12 wherein at least two of the two or more discharge lamps are connected in series.

14. (Previously Presented) The water treatment device of claim 12 wherein at least two of the two or more discharge lamps are connected in parallel.

15. (Previously Presented) The water treatment device of claim 12 wherein the first electrical circuit comprises at least one capacitor electrically connected to at least one transformer.

16. (Previously Presented) The water treatment device of claim 12 wherein the first electrical circuit is disposed immediately adjacent to the discharge lamps.

17. (Previously Presented) The water treatment device of claim 12 wherein the discharge lamps comprise ultraviolet discharge lamps.

18. (Previously Presented) The water treatment device of claim 12 wherein the discharge lamps comprise mercury vapor discharge lamps.

19. (Previously Presented) The water treatment device of claim 12 wherein the first electrical circuit generates a voltage control signal, and wherein the voltage control signal controls the warm up phase of the discharge lamps.

20. (Previously Presented) The water treatment device of claim 12 wherein the first electrical circuit generates a current control signal, and wherein the current control signal controls the warm up phase of the discharge lamps.

21. (Previously Presented) A method of photo-chemically treating water with two or more discharge lamps, the method comprising:

controlling a warm up phase associated with the two or more discharge lamps with a first electrical circuit disposed in the immediate vicinity of the discharge lamps; and
controlling an operational phase associated with the two or more discharge lamps with a second electrical circuit disposed remotely from the discharge lamps.

22. (Previously Presented) The method of claim 21 wherein the two or more discharge lamps are connected in series.

23. (Previously Presented) The method of claim 21 wherein the two or more discharge lamps are connected in parallel.

24. (Previously Presented) The method of claim 21 wherein the two or more discharge lamps comprise two or more ultraviolet discharge lamps.

25. (Currently Amended) A water treatment device comprising:

two or more ultraviolet discharge lamps;

a first electrical circuit disposed a first distance from the ultraviolet discharge lamps,

wherein the first electrical circuit is configured to control a warm up phase of the discharge lamps; and

a second electrical circuit disposed a second distance from the ultraviolet discharge

lamps, wherein the second distance is greater than the first distance, and

wherein the second electrical circuit is configured to control an operational phase of the discharge lamps; and

wherein the first electrical circuit is disposed less than 0.5 meters from the two or more

ultraviolet discharge lamps and wherein the second electrical circuit is disposed

at least 2,0 meters from the ultraviolet discharge lamps.

26. (Previously Presented) The water treatment device of claim 25 wherein the first distance comprises a relatively small distance, and wherein the second distance comprises a relatively large distance.

27. (Previously Presented) The water treatment device of claim 26 wherein the first distance is generally less than 0.5 meters, and wherein the second distance is generally greater than 2 meters.

28. (Previously Presented) The water treatment device of claim 25 wherein the first and second electrical circuits are separated by at least 1.5 meters.

29. (Previously Presented) The water treatment device of claim 25 wherein at least two of the two or more ultraviolet discharge lamps are connected in series.

30. (Previously Presented) The water treatment device of claim 25 wherein at least two of the two or more ultraviolet discharge lamps are connected in parallel.

31. (New) The water treatment device of claim 13 wherein the first electrical circuit is disposed less than 0.5 meters from at least one of the discharged lamps and includes a first capacitor in series with a transformer; wherein the second electrical circuit is disposed at least two meters from both discharge lamps and includes a power supply, a second capacitor in series with a first switch and a third capacitor in series with a second switch, and an inductor in series with the second and third capacitors and the first and second switches.

32. (New) The water treatment device of claim 31 including only two wires interconnecting the first electrical circuit with the second electrical circuit.

33. (New) The water treatment device of claim 14 wherein the first electrical circuit is disposed less than 0.5 meters from one of the discharge lamps and include first and second capacitors; and wherein the second electrical circuit is disposed at least 2.0 meters from the discharge lamps and includes a power supply and a third capacitor in series with a first switch and a fourth

capacitor in series with a second switch, and two parallel inductors disposed in series with the third and fourth capacitors and first and second switches.

34. (New) The water treatment device of claim 33 including only three wires interconnecting the first and second electrical circuits.

35. (New) The method of claim 21 including placing the first electrical circuit within 0.5 meters of the discharge lamps, and placing the second electrical circuit at least 2.0 meters from the discharge lamps.